

UNIT-2 : Python Fundamentals

Sr. No	Question1	Option1	Option2	Option3	Option4	Correct answer
1	Who developed Python Programming Language?	Wick van Rossum	Rasmus Lerdorf	Guido van Rossum	Niene Stom	C
2	Python code can be _____	interpreted	Compiled	Both Interpreted and Compiled	None of these	A
3	Python is	Open Source programming language	Interpreted programming language	Object oriented programming language	All of these	D
4	Which of the following is not a feature of Python?	High Level Language	Open Source	Compiled	None of the above	C
5	python is an _____ language.	interpreter based	compiler based	both a and b	none	A
6	Which of the following is used to define a block of code in Python language?	Indentation	Key	Brackets	All of the above	A
7	In which language is Python written?	PHP	English	C	Java	C
8	To start a python block use	colon	semicolon	dot	*	A
9	An Interpreter directly executes instructions _____	whole code at once	line by line	functions at priority	global variable at priority	B
10	Which type of Programming does Python support?	object-oriented programming	structured programming	functional programming	All of the mentioned	D
11	_____ is used to comment a line in python.	//	/* */	<!.....>	#	D
12	Choose the full form of PVM	Python Virtual Machine	Python Variable Machine	Python Virtual Method	Python Variable Method	A
14	What among the following is true about scripting language?	It use interpreter to translate source code into executable code	Scripting executes instructions one by one	Python is a scripting language	All of the above	D
15	What will be the output of print(type(5 / 2))?	float	int	2.5	2	A
16	Which one of the following is the correct extension of the Python file?	.py	.pyt	.p	.pn	A
17	which of the following is incorrect variable name in Python?	variable_1	variable1	1variable	_variable	C
18	Arguments which are preceded with a variable name followed by a '=' sign are called	actual arguments	keyword arguments.	formal arguments	Values	B
19	Python can be used on a server to create _____	Web Application	Web software	Web design	None	A
20	Which of the following is/are valid data type(s) in python?	str	int	complex	All of the mentioned	D
21	Multiline Comments in python are demoted by	#	###	"	'''	D
22	To indicate compound statement _____ is used in python.	{	[]	indentation	<>	C

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23	Python _____ is a way of telling the Python interpreter that a series of statements belong to a particular block of code.	bracket	curly braces { }	Indentation	None of these	C
24	Why does python need a PVM?	PVM executes Python program on terminal	PVM converts Bytecode into Machine Code	PVM converts Python code into Bytecode	All of the above	B
25	which keyword is use for function?	def	define	functon	fun	A
26	Multiple variables with different values can be assigned values in one go using	x=y="mango"	x:y:z=12:11:14	x, y, z = "Orange", "Banana", "Cherry"	x;y;z=3;4;5	C
27	Python is portable language	TRUE	FALSE	Can't Say	None	A
28	Which of the following is used as comment in python?	# (hash symbol)	\$ (dollar symbol)	! (Exclamation symbol)	& (Ampersand symbol)	A
29	Is Python code compiled or interpreted?	Python code is both compiled and interpreted	Python code is neither compiled nor interpreted	Python code is only compiled	Python code is only interpreted	B
30	What would be the effect of the statement a,b=10,20?	it will generate an error	Assigning the values of two variables at the same time.	Overwriting the variables.	Variables are declared.	B
31	Arguments received by a function in C language are called ____ arguments.	Definite arguments	Formal arguments	Actual arguments	Ideal arguments	B
32	What among the following is not true?	Python memory allocation and deallocation is done automatically	PVM allocates and deallocates memory	Python treats every element as an object	None of the above	D
33	how to assign value to multiple variable?	a,b,c=1,2,3	a=b=c=10	both a and b	a,b,c=1	C
34	In Python, which of the following statement is the correct way of declaring and initializing a variable, x with the value 7?	int x; x=7	int x=7	x=7	declare x=7	C
35	In what condition we can exclude the return statement in function?	When function has return type void	When the return type is not specified	When function has return type int	None of the above	A
36	If return statement is not used inside the function, the function will return:	None	0	Null	none of the above	A
37	which amongst the following is not a constructor for type casting	int()	float()	string()	val()	D
38	Which of the following is used to constructs an integer number from an integer literal, a float literal or a string literal?	int()	str()	float()	sum()	A
39	identify the 2nd level indentation :	4 white space	2 tab	8 white spaces	Both B and C	D
40	All keywords in Python are in _____	Capitalized	lower case	UPPER CASE	None of the mentioned	D
41	Variables created outside the function definition are called as____	static	local	Global	None	C

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42	Data type of variable is retrieved using which function?	type()	id()	datatype()	data()	A
43	Which of the following is a python prompt?	\$	>>	>	>>>	D
44	predict output- print(int('s'))	s	's'	error	none	C
45	What is the output of print 9//2?	4	4.5	4	Error	A
46	Which option is different among all ?	int	float	complex	FALSE	D
47	When we place function prototype inside the function definition is called as	Local prototype	Global prototype	Static prototype	None of the above	A
48	A docstring is a string enclosed in	triple double quotes	double quotes	single quotes	curly braces	A
49	A python program is called ____	Script	Sequence	Defination	None	A
50	Which function is used to know the data type of a variable?	Data_type()	type()	typeof()	Dtype()	B
51	Choose the correct statement for Python.	String variables can be declared either by using single or double quotes.	Variable names are case-sensitive.	Python also allows chained assignment, which makes it possible to assign the same value to several variables simultaneously:	All of the above	D
52	Which of the following are themselves a collection of different data types?	String	Structure	char	None of the above	B
53	Which of the following is not true?	python is dynamic typed language	there is not datatype in python	type of data is automatically detected	None of the above	B
54	Datatype in python are	number	list	boolean	all of above	D
55	Which of the following is an invalid statement in Python?	abc = 1,000,000	a b c = 1000 2000 3000	a,b,c = 1000, 2000, 3000	a_b_c = 1,000,000	B
56	1 We can create local variable in Python. 2 We can create global variable in Python.	Both FALSE	1 False, 2 True	1 True, 2 False	Both TRUE	D
57	in function definitions in Python is used to pass a variable number of arguments to a function	keyword	*args	assignment	All of the above	B
58	Lambda function is one line function	Yes	No	Can't Say	None	A
59	Identify the data type for x=1j	int	float	complex	string	C
60	After the execution of the statement a,b,c=10,3,10/3 ,What will be the data type of variable c?	int	float	NAN	Bool	B
61	If I have python program named python test.py what among the following can be used to execute the file.	D:/> python test	>>> python test.py	D:/> python test.py	>>> python test	C
62	Global variable can be access _____	inside function	outside function	throughout program by all function	none	C

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63	Select the correct example of complex datatype in Python	3 + 2j	-100j	5j	all of the above	D
64	The_____ keyword makes the variable global.	def	split	global	lambda	C
65	Which one of the following is a valid Python if statement.	if a>=2 :	if (a >= 2)	if (a => 22)	None	A
66	Which of the following is/are true about python?	Python allows to assign values to multiple variables in one line	Python variables must be declared before used	Python variable can not be changed once assigned a value	All of the mentioned	A
67	how to concatenate the string and variable in print statement ?	#NAME?	, (comma operator)	: (colon operator)	Both A and B	D
68	In the statement x=float("5") the data type of x would be____	str	int	float	Char	C
69	If we write string in triple quote, it is called _____	multiline comment	docstring	string array	none of the above	B
70	Which of the following operators is the correct option for power(a,b) in Python?	a ^ b	a**b	a^^b	a ^ * b	B
71	_____is use to display data in Python	printf	print	input	disp	B
72	Objects actually used while calling the function are called	actual arguments/parameters	formal arguments/parameters	arguments/parameters	All of the above	A
73	What is the output of the given below program? if 3 + 4 == 7: print("Hi") else: print("Know Program") print("Hello")	Hi	Know program	Hi Hello	None	C
74	The declaration happens automatically when you assign a value to a variable in Python. Comment on the statement	TURE	FALSE	Can not determine	None of the mentioned	A
75	_____ are containers for storing data values.	Variables	Function	Structure	Union	A
76	Which of the following is true for variable names in Python?	underscore and ampersand are the only two special characters allowed	unlimited length	all private members must have leading and trailing underscores	none of the mentioned	B
77	x,y=10,10.5 z=x+y what will be the data type of z after execution of above statements?	int	float	str	bool	B
78	Choose the correct datatype of Python.	Set	Boolean	List	All of these	D
79	Which of the following is not a type of variable in python?	string	list	set	character	D
80	Which popular versions of Python are available ?	Python 2, Python 3	Python 7, Python 8	Python10, Python 11	Python 12, Python 13	A
81	We can access these docstrings using the	add	__doc__ attribute.	def	Val	B
82	Which of the following is not used as loop in Python?	Do While	For Loop	While Loop	None of Above	A
83	_____ refers to the spaces at the beginning of a code line.	block	Indentation	function	structure	B
84	Which of the following is not a core data type in Python programming?	Tuples	Lists	Class	Dictionary	C

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85	What is the significance of the global keyword?	It makes local variable as global	It indicates to use global version of variable instead of creating local copy	It converts local variable to global variable	none of the above	B
86	output- def student(name, rollno=23): print ("Name: ", name) print ("Rollno: ", rollno) return() student(name="ravi")	Name: ravi Rollno: 23	Name: ravi	Rollno: 23	error	A
87	Find wrong feature of Python.	We have to purchase license for Python	Python provide GUI support	Python provide standart Library	Python is portable language	A
88	_____ is sent to the Python Virtual Machine(PVM).	Byte code	compiled	object code	source code	A
89	Does python have switch case statement?	TRUE	False	Can't Say	None	B
90	Python supports Which of the following numerical types?	int	float	complex	All of the mentioned	D
91	Variable number of arguments can be specified using	**kargs	*kargs	args	all of the above	A
92	The Keyword argumnets are pair of	keyword	key=value	values	numbers	B
93	To skip the function definition use the ____statement	continue	break	def	pass	D
94	An anonymous function of python is named	Lambda	UDF	args	None of the above	A
95	A docstring can be accessed using _____attribute of the UDF	_doc_	**doc**	__doc__	All of the above	C
96	def temp(): list1=[10,meghna,10.5] print(list1) temp() what is the output of following python code?	[10,meghna,10.5]	10,meghna,10.5	error	[10],[meghna],[10.5]	C
97	Which of the following is the correct extension of the Python file?	.python	.pl	.py	.p	C
98	Is Python code compiled or interpreted?	Compiled	Interpreted	Both (a) & (b)	Neither (a) nor (b)	D
99	Which type of Programming does Python support?	object-oriented programming	structured programming	functional programming	all of the mentioned	D
100	Which of the following is not a core data type in Python programming?	Tuples	Lists	Class	Dictionary	C
101	Which of the following is true for variable names in Python?	underscore and ampersand are the only two special characters allowed	unlimited length	all private members must have leading and trailing underscores	none of the mentioned	B